Philips 5000 series
LCD TV with Pixel Plus HD

**42"**
Full HD 1080p

**42PFL5609**

# Brilliant design, powerful performance

## With superb picture and sound.

Experience brilliant performance with a Full HD 1080p display. Combined with a powerful Pixel Plus HD Engine and fantastic invisible sound, this Flat TV will never let you down.

### Vivid and razor sharp pictures
- Pixel Plus HD for better details, depth and clarity
- Full HD LCD display, with a 1920x1080p resolution
- Dynamic contrast 50000:1 for incredible rich black details
- Active Control with Light Sensor optimizes picture quality
- Native cinema mode for real movie experience

### Pure and lifelike sound
- Invisible speakers with incredible surround
- 2.1 channel surround with subwoofer for deep bass
- 20W for superior sound clarity
- Dynamic Bass Enhancement for cinematic sound

### Easy to connect and enjoy
- 3 HDMI inputs with Easylink for a full HD connection
- USB for fantastic multimedia playback
- Smart Picture and Smart Sound to personalize your viewing

PHILIPS
sense and simplicity

# Highlights

## Pixel Plus HD

Pixel Plus HD is a picture processing technology that enables viewers to watch content that is vivid, natural and real. The result are superbly life-like pictures with incredible details and depth from any HD source.

## Full HD LCD display 1920x1080p

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

## 2.1 channel surround

This 2.1 channel surround with integrated subwoofer is a complete sound system that utilises Philips incredible surround sound processing technology. It amplifies the bass frequencies from the subwoofer and at the same time optimzing mid and low frequencies. The result is a system that powerfully reproduces the full range of audio frequencies from deep bass to crystal clear high notes.

## USB (multimedia)

The USB connector allows access to jpeg photos, mp3 music and video files of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access the multimedia content using the easy on screen content browser. You can now view and share your videos, photos and music.

## 3 HDMI inputs with EasyLink

EasyLink uses the HDMI CEC industry standard protocol to share functionality between connected devices and the TV. With Easylink only one remote control is needed to operate main functionalities on your TV and connected devices. HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI uses HDCP copy protection. With 2 HDMI inputs on the back and 1 HDMI on the side of the TV you can connect multiple HD sources, for instance an HD settop box, a Blu-ray player, and Game Console or Digital Camcorder.

## Smart Picture and Smart Sound

Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimized picture and sound settings for the various picture and sound modes.

## Invisible speakers

An invisible sound system that blends perfectly with the design of the cabinet. The Incredible Surround allows you to experience total surround with greater depth and width of sound. It gives a clear and spacious sound stage complementary to the rich viewing experience.

PIXEL PLUS HD
Full HD 1080p
50 000 : 1 Dynamic contrast ratio
INCREDIBLE SURROUND
HDMI 3x with easyLINK
USB
TV PC-IN
SmartMode

LCD TV with Pixel Plus HD
42" Full HD 1080p

**42PFL5609/98**

# Specifications

## Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 50 000:1
- Response time (typical): 5 ms
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Color Enhancement, Dynamic contrast enhancement, Jagged Line Suppression, Sharpness Adjustment, Dynamic Noise Reduction, 2D/3D noise reduction, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing
- Screen enhancement: Semi-glare

## Supported Display Resolution
- Computer formats

| Resolution | Refresh rate |
|---|---|
| 640 x 480 | 60, 72, 75, 85Hz |
| 800 x 600 | 60, 72, 75, 85Hz |
| 1024 x 768 | 60, 70, 75, 85Hz |
| 1280 x 768 | 60Hz |
| 1280 x 1024 | 60Hz |
| 1360 x 768 | 60Hz |
| Via HDMI/DVI input | |

- Video formats

| Resolution | Refresh rate |
|---|---|
| 480i | 60Hz |
| 480p | 60Hz |
| 576i | 50Hz |
| 576p | 50Hz |
| 720p | 50, 60Hz |
| 1080i | 50, 60Hz |
| 1080p | 24, 25, 30, 50, 60Hz |

## Sound
- Output power (RMS): 20W
- Sound Enhancement: Auto Volume Leveller, Dynamic Bass Enhancement, Incredible Surround, Subwoofer, Treble and Bass Control
- Sound System: Mono, Nicam Stereo, Stereo

## Loudspeakers
- Built-in speakers: 2

## Convenience
- Child Protection: Child Lock+Parental Control
- Clock: On main display, Sleep Timer, Wake up Clock, Wake Up Timer
- Connection Enhancement: Easy link
- Ease of Installation: Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play, Program Name, Sorting
- Ease of Use: 4 favorite lists, Auto Volume Leveller (AVL), Graphical User Interface, On Screen Display, Side Control, Smart Picture, Smart Sound, EasyLink
- On-Screen Display languages: Arabic, English, French, Thai, Traditional Chinese
- Picture in Picture: Picture in graphics
- Remote Control: TV
- Remote control type: PF02A09B
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Teletext: 1000 page Smart Text
- Teletext enhancements: 4 favourite pages
- Signal strength indication
- Firmware upgradeable: Firmware upgradeable via USB
- Multimedia: USB media browser

## Multimedia Applications
- Playback Formats: MP3, JPEG Still pictures, MPEG1, MPEG4, RealMedia Video
- Playback enhancement: Picture slideshow

## Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL B/G, PAL D/K
- Video Playback: NTSC, PAL
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Number of Preset Channels: 99

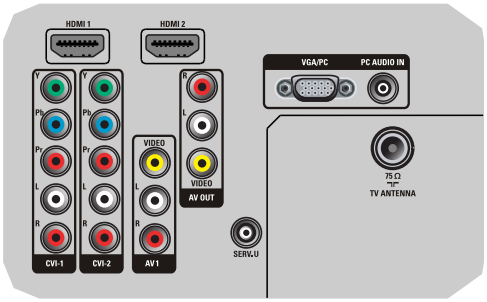
## Connectivity
- AV 1: Audio L/R in, YPbPr
- AV 2: Audio L/R in, YPbPr
- AV 3: Audio L/R in, CVBS in
- Front / Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone out, USB
- Other connections: Monitor out, CVBS, L/R (cinch), PC-in VGA + Audio L/R in
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, EasyLink, Remote control pass-through, System audio control, System standby

## Power
- Ambient temperature: 5 °C to 40 °C
- Mains power: 110-240V; 50-60Hz
- Power consumption: 198 W
- Standby power consumption: (typical) <0.15W

## Dimensions
- Set dimensions (W x H x D): 1033 x 644 x 83 mm
- Set dimensions with stand (W x H x D): 1033 x 694 x 271 mm
- Weight incl. Packaging: 26.5 kg
- Product weight: 16.5 kg
- Product weight (+stand): 19.5 kg
- Box dimensions (W x H x D): 1306 x 788 x 281 mm
- VESA wall mount compatible: 400 x 400 mm

## Accessories
- Included Accessories: Tabletop swivel stand, Power cord, Quick start guide, User Manual, Remote Control, 2 x AAA Batteries
- User Manual: Arabic, English, French, Malay, Thai, Traditional Chinese

### Rear connectors




### Side

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